



CERTIFICATE OF ANALYSIS

PRODUCT NAME : HEPES (BUFFER)

CAS No : 7365-45-9
Mol. Formula : $C_8H_{18}N_2O_4S$
Mol. WT : 238.30
Date of analysis : 25/10/21

Product code : 52780
Batch No : MCR-11882-03
Mfd. : Oct. 2021
Exp. : Sept. 2026

S. R	Test	Specification	Observation
1	Description	White Powder or crystalline powder.	White crystalline powder.
2	Assay	99 % min	99.07%
3	Melting point	210 - 220	212.7
4	Loss on drying at 105°C	1% max	0.05
5	Chloride (Cl)	0.01% max	<0.01%
6	Sulphate (SO ₄)	0.01% max	<0.01%
7	Iron (Fe)	0.0005% max	<0.0005%
8	Heavy metals (asPb)	0.0005%max	<0.0005%
9	A 5%aq., 250 nm Smooth curve from 230 – 350 nm	0.05 max	0.02

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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